

ky=-0.612,ind=20,f1=1.036kHz,f2=5.272kHz,LfE=2,HfE=2

$T_1=965.44\mu\text{s}$, $T_2=189.67\mu\text{s}$

$f_1=1.04\text{kHz}*(1\pm 2.795e-02)$, $f_2=5.27\text{kHz}*(1\pm 1.050e-01)$

$\tau_1=1278.03\mu\text{s}*(1\pm 9.901e-02)$, $\tau_2=67.79\mu\text{s}*(1\pm 9.006e-02)$

$a_1=0.04*(1\pm 1.129e-01)$, $a_2=0.20*(1\pm 6.096e-02)$

$s_0=0.26*(1\pm 3.137e-02)$, $t_0=1014.62*(1\pm 1.728e-01)$, $a_0=0.14*(1\pm 3.476e-02)$

$\varphi_1=0.34\pi*(1\pm 1.238e-01)$, $\varphi_2=-0.07\pi*(1\pm 7.771e-01)$

s

0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1

0

250

500

750

1000

1250

1500

1750

2000

t/ μs

$$S = a_1 e^{-t^2/\tau_1^2} \cos(2\pi f_1 t + \varphi_1) + a_2 e^{-t^2/\tau_2^2} \cos(2\pi f_2 t + \varphi_2) + a_0 e^{-t/\tau_0} + s_0$$

